

INTERNATIONAL SEARCH REPORT

 International Application No
 PCT/GB 03/02351

A. CLASSIFICATION OF SUBJECT MATTER IPC 7 H04M1/66 H04M1/677 H04M3/42		
According to International Patent Classification (IPC) or to both national classification and IPC		
B. FIELDS SEARCHED Minimum documentation searched (classification system followed by classification symbols) IPC 7 H04M		
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched		
Electronic data base consulted during the International search (name of data base and, where practical, search terms used) EPO-Internal, WPI Data		
C. DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 4 953 202 A (NEWELL TERENCE J) 28 August 1990 (1990-08-28) abstract; figures 1-3 column 1, line 27 -column 3, line 50 column 4, line 62 -column 6, line 59 column 11, line 2 -column 12, line 26 claims 1-3 ---	1-12
X	US 5 809 126 A (AITKEN MICHAEL WILLIAM ET AL) 15 September 1998 (1998-09-15) abstract column 2, line 60 -column 4, line 64 column 5, line 45 -column 6, line 36 column 7, line 52 -column 12, line 67 ---	1-12
A	US 5 802 157 A (SIEGEL-JACOBS KAREN A ET AL) 1 September 1998 (1998-09-01) the whole document --- -/--	1-12
<input checked="" type="checkbox"/> Further documents are listed in the continuation of box C. <input checked="" type="checkbox"/> Patent family members are listed in annex.		
* Special categories of cited documents : "A" document defining the general state of the art which is not considered to be of particular relevance "E" earlier document but published on or after the international filing date "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) "O" document referring to an oral disclosure, use, exhibition or other means "P" document published prior to the international filing date but later than the priority date claimed "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art. "G" document member of the same patent family		
Date of the actual completion of the international search 21 August 2003		Date of mailing of the international search report 01/09/2003
Name and mailing address of the ISA European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016		Authorized officer Tillgren, M

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A	US 6 246 756 B1 (HARTMANN AL ET AL) 12 June 2001 (2001-06-12) the whole document ---	1-12
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